

## Recycling of ionic liquids in extractive distillation

## Abstract

- 5 Process for working up a bottom stream comprising high boilers and ionic liquid from  
an extractive rectification in which the ionic liquid is used as entrainer, which comprises  
feeding the bottom stream to an evaporation stage which is operated at a pressure of  
less than 500 mbar or to a stripper which is operated by means of inert gas or steam,  
and the major part of the high boiler present is separated off in vapor form from the  
10 ionic liquid.